

A NEW SPECIES OF THE GENUS CHEILONEURUS.

[Hymenoptera; Encyrtidæ.]

BY J. C. CRAWFORD.

Cheiloneurus cushmani, new species.

Female.—Length about 1.75 mm. Varying shades of green, blue, and purplish, the face and rear of head largely reddish testaceous; pronotum, axillæ, and scutellum orange, suffused anteriorly with brown; scape whitish, rest of antennæ dark brown, first joint of funicle shorter than pedicel; all joints of funicle slightly longer than wide, antennal depression deep, sharply marked semi-circular, reaching about half way up scape, above this the face with fine shallow thimble-like punctures, at sides of antennal fossa becoming more like reticulations; ocelli in an equilateral triangle, the lateral ones about their own width from eyes; cheeks finely reticulated with raised lines; mesoscutum very finely longitudinally lineolate, with a silky lustre, and with many silver-white hairs; scutellum with thimble-like punctures; apical tuft black; wings, except the hyaline bases, strongly infuscated, the infuscation decreasing gradually toward tips of wings; front and hind legs basally translucent whitish, front legs beyond middle of femora light brownish; middle legs brownish, their tarsi whitish; hind femora and tibiæ brown, the tarsi whitish; abdomen reticulated with fine rugulose.

Male.—Length 1.5 mm. Similar to the female; the antennal depression not well marked, the sculpture coarser, especially in mesoscutum, where anteriorly it is finely longitudinally rugulose and posteriorly reticulate with fine rugulæ; entire insect varying shades of metallic with more greenish than in female; hairs of mesoscutum weaker and less numerous and therefore not so apparent; wings only slightly infuscated, with a deeply infuscated spot at marginal vein; scape whitish, rest of antennæ light brown; front and middle legs whitish, the apical part somewhat brownish; hind femora and tibiæ strongly brownish.

Habitat: Vienna, Virginia.

Type: No. 14097, U. S. National Museum.

Six female and five male specimens from a series reared May 24, 1911, from *Kermes* sp. by Mr. R. A. Cushman, Bureau of Entomology, U. S. Department of Agriculture, and recorded under Quaintance note No. 7038.

Related to *C. cupreicollis* Ashm., which has the ocelli in an equilateral triangle, but which has the joints of the funicle elongate, the first much longer than the pedicel and the mesoscutum is shiny and punctured.

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